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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Earl C. Johns

Appln. No. :

Filed : Herewith

For : TRANSDUCERS FOR
FERROELECTRIC STORAGE
MEDIUM

Docket No.: s01.12-0978

Group Art Unit:

Examiner:

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed.

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.

Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

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FORM PTO-1449	Atty. Docket No.: S01.12-0978	Appl. No.:
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	First Named Inventor:	
	Ear C. Johns	
	Filing Date	Group Art:
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U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	3,703,328	11/1972	Glass et al.	350	3.5	
AB	3,940,750	2/1976	Voegeli	340	174	
AC	4,041,477	8/1977	Drenckhan	340	173	
AD	4,099,247	7/1978	Mikada et al.	364	710	
AE	4,103,341	7/1978	Brody	365	117	
AF	4,153,328	5/1979	Wang	350	96.11	
AG	4,187,109	2/1980	Mageumi et al.	430	2	
AH	4,195,355	3/1980	Rohrer	365	145	
AI	4,220,395	9/1980	Wang et al.	350	96.12	
AJ	4,319,355	3/1982	Mollier	371	21	
AK	4,344,155	8/1982	Mollier	365	200	
AL	4,551,819	11/1985	Michl et al.	365	120	
AM	4,649,519	3/1987	Sun et al.	365	122	
AN	4,731,754	3/1988	Ogden et al.	365	121	
AO	4,794,560	12/1988	Bell et al.	365	122	
AP	4,832,456	5/1989	Yamazaki et al.	350	334	
AQ	4,858,040	8/1989	Hazebrouck	360	78.05	

FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AR						

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
BA	4,927,220	5/1990	Hesselink et al.	350	3.64	
BB	4,954,951	9/1990	Hyatt	364	200	
BC	4,956,784	9/1990	Hadavi et al.	364	468	
BD	4,977,540	12/1990	Goodwin et al.	365	49	
BE	4,988,891	1/1991	Mashiko	307	201	
BF	5,004,309	4/1991	Caulfield et al.	350	3.68	
BG	5,005,927	4/1991	Cudney et al.	350	3.64	
BH	5,014,235	5/1991	Morton	364	900	
BI	5,051,950	1/1991	Evans, Jr. et al.	365	109	
BJ	5,132,811	7/1992	Iwaki et al.	359	6	
BK	5,132,813	7/1992	Caulfield et al.	359	11	
BL	5,151,822	9/1992	Hekker et al.	359	559	
BM	5,175,775	12/1992	Iwaki et al.	382	31	
BN	5,179,533	1/1993	Bullington et al.	365	110	
BO	5,216,631	6/1993	Sliwa, Jr.	365	174	
BP	5,233,554	8/1993	Conley et al.	364	822	
BQ	5,239,504	8/1993	Brady et al.	365	157	

FOREIGN PATENT DOCUMENTS

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Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
CA	5,261,055	11/1993	Moran et al.	395	275	
CB	5,291,584	3/1994	Challa et al.	395	500	
CC	5,307,311	4/1994	Sliwa, Jr.	365	174	
CD	5,343,426	8/1994	Cassidy et al.	365	189.02	
CE	5,359,565	10/1994	Takatori	365	105	
CF	5,359,726	10/1994	Thomas	395	500	
CG	5,361,238	11/1994	Owechko	365	234	
CH	5,372,859	12/1994	Thakoor	427	551	
CI	5,379,266	1/1995	Russell	365	234	
CJ	5,388,267	2/1995	Chan et al.	395	700	
CK	5,410,680	4/1995	Challa et al.	395	500	
CL	5,423,054	6/1995	Schmidt et al.	395	800	
CM	5,426,075	6/1995	Perino et al.	437	235	
CN	5,426,769	6/1995	Pawloski	395	500	
CO	5,428,417	6/1995	Lichtenstein	353	122	
CP	5,432,950	7/1995	Sibigtroth	395	425	
CQ	6,515,957	2/2003	Newns et al.	369	126	

FOREIGN PATENT DOCUMENTS

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DA	2002/0093883	7/2002	Chang et al.	369	13.56	
DB						
DC						
DD						
DE						
DF						
DG						
DH						
DI						
DJ						
DK						

FOREIGN PATENT DOCUMENTS

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DL						

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DM	"Nanoscale control of ferroelectric polarization and domain size of epitaxial Pb(Zr _{0.2} Ti _{0.8})O ₃ thin films" by P. Paruch et al., <u>APPLIED PHYSICS LETTERS</u> , Vol. 79, No. 4, pgs. 530-532, 23 July 2001.
DN	"Tbit/inch ² ferroelectric data storage based on scanning nonlinear dielectric microscopy", by Y. Cho et al., <u>APPLIED PHYSICS LETTERS</u> , Vol. 81, No. 23, pgs. 4401-4403, 2 December 2002.
DO	
DP	
DQ	

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